

VARIODYN® D1 Mains Switching Unit MSU

- **Three 18 A-excess current switches with control contacts and control indicator lights**
- **Low power connection and Ethernet connection to connect a service PC for servicing purposes**
- **Three connections for auxiliary changeover contact per excess current switch**
- **Up to four devices can be connected to each excess current switch**



Application

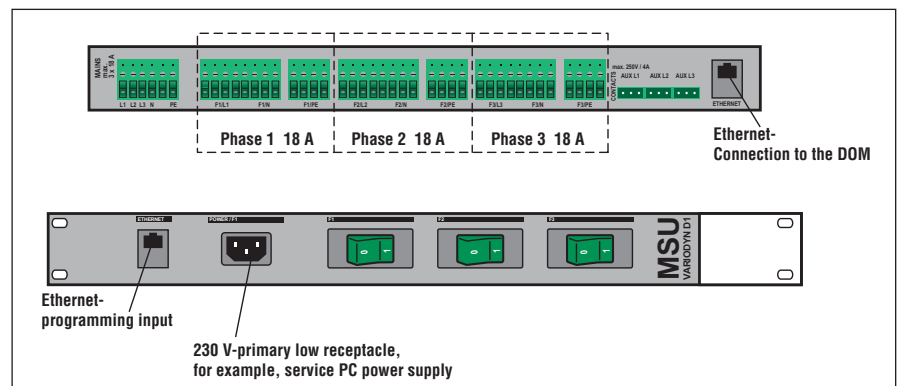
The Mains Switching Unit MSU serves to protect the power supply of all VARIODYN® D1 components which are built into a rack. It also provides a plug to connect a laptop for local and network-wide servicing purposes.

Description

Each of the up to three phases can be loaded with max. 18 A. The excess current switch automatically releases the excess current, but can also be used to manually switch the voltage supply. The operating conditions are indicated by green operating lights. The switch setting can be evaluated via auxiliary contacts.

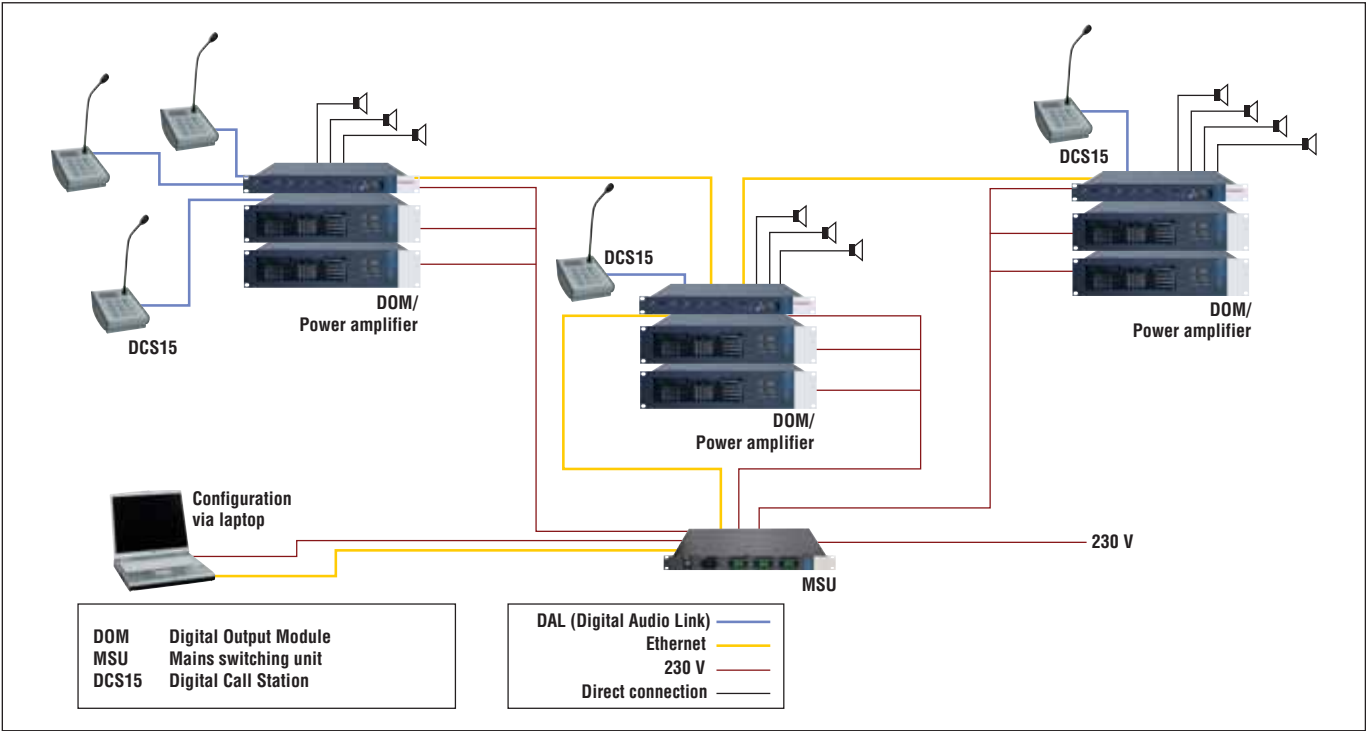
Connections and Indicators

- Three excess current switches (18 A) with lights (one per phase)
- Three connections for auxiliary changeover contacts per excess current switch
- RJ45 socket for Ethernet connection
- 230 V-low power receptacle, connected with L1, for example for a service PC (in case of servicing for programming)



Rear and Front view MSU

A frontal 230 V-power socket and an RJ45 socket are available for service PC connection.



Application example MSU

Technical Data
Thermal Protection

Current rating	18 A
Operating life	10,000 switch cycles
Shutdown	1-pin

Auxiliary Contacts

Type	Changeover contact
Contact rating AC	250 V max. 4 A
Contact rating DC	0-24 V max. 4 A
Current rating	60 V max. 1 A 110 V max. 0.5 A 220 V max. 0.25 A
Ambient temperature range	-5 °C to +55 °C
Relative humidity	15 % to 90 %
Weight	approx. 4.2 kg
Dimensions (W x H x D)	483 x 44 x 345 mm/1 HE, 19"

Order information	Part No.
Mains Switching Unit MSU	583371.21
Mounting kit 1	583703